

FIGURE 1

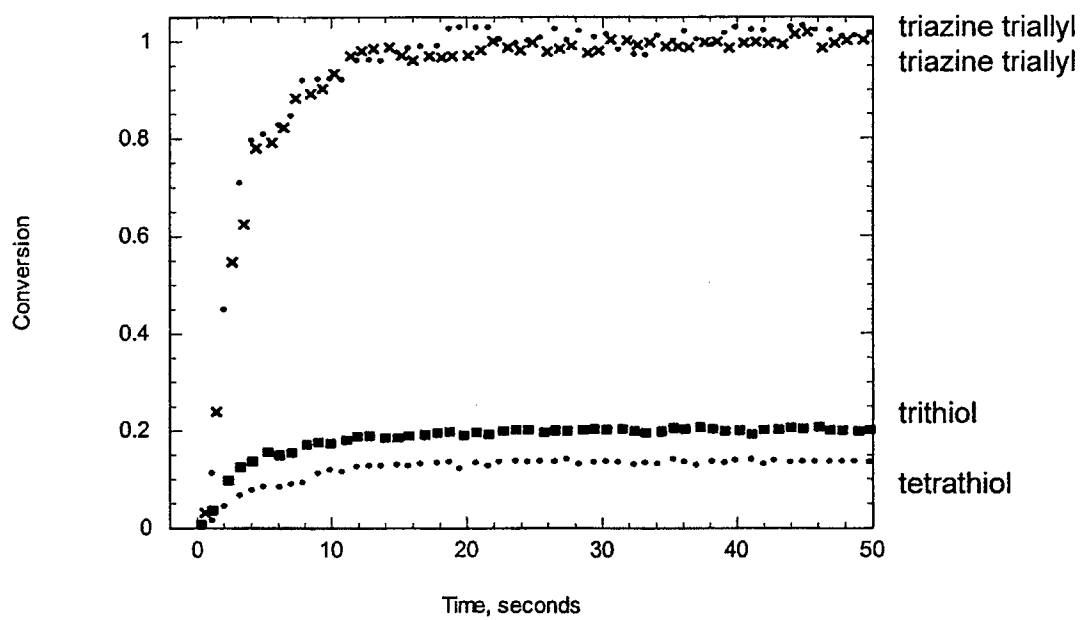


FIGURE 2

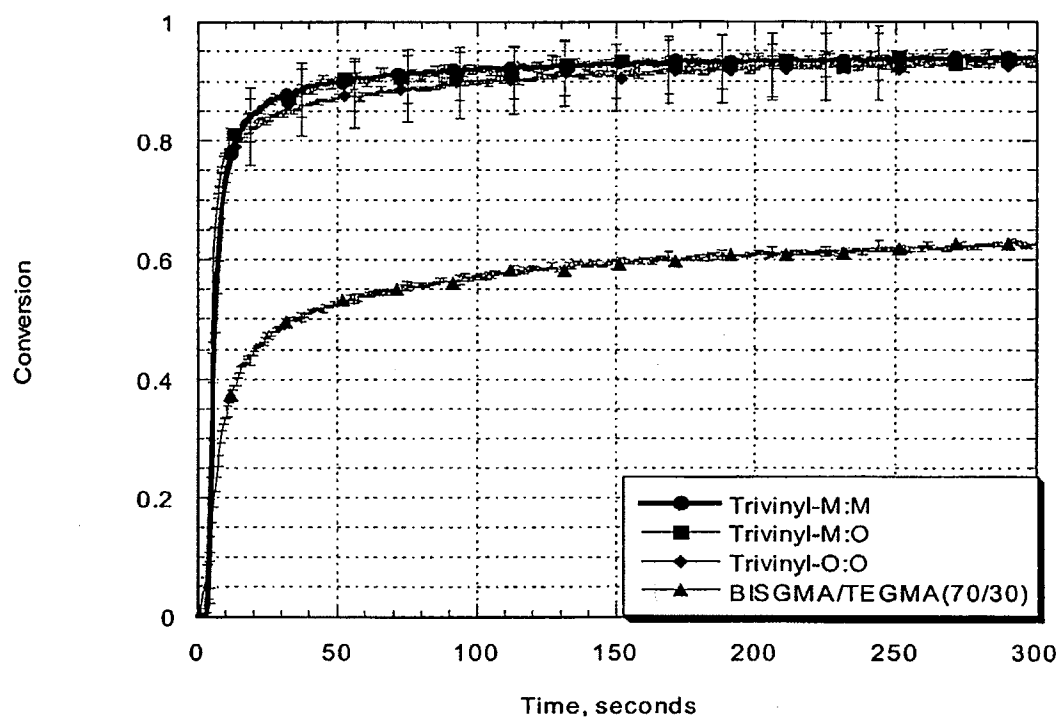


FIGURE 3

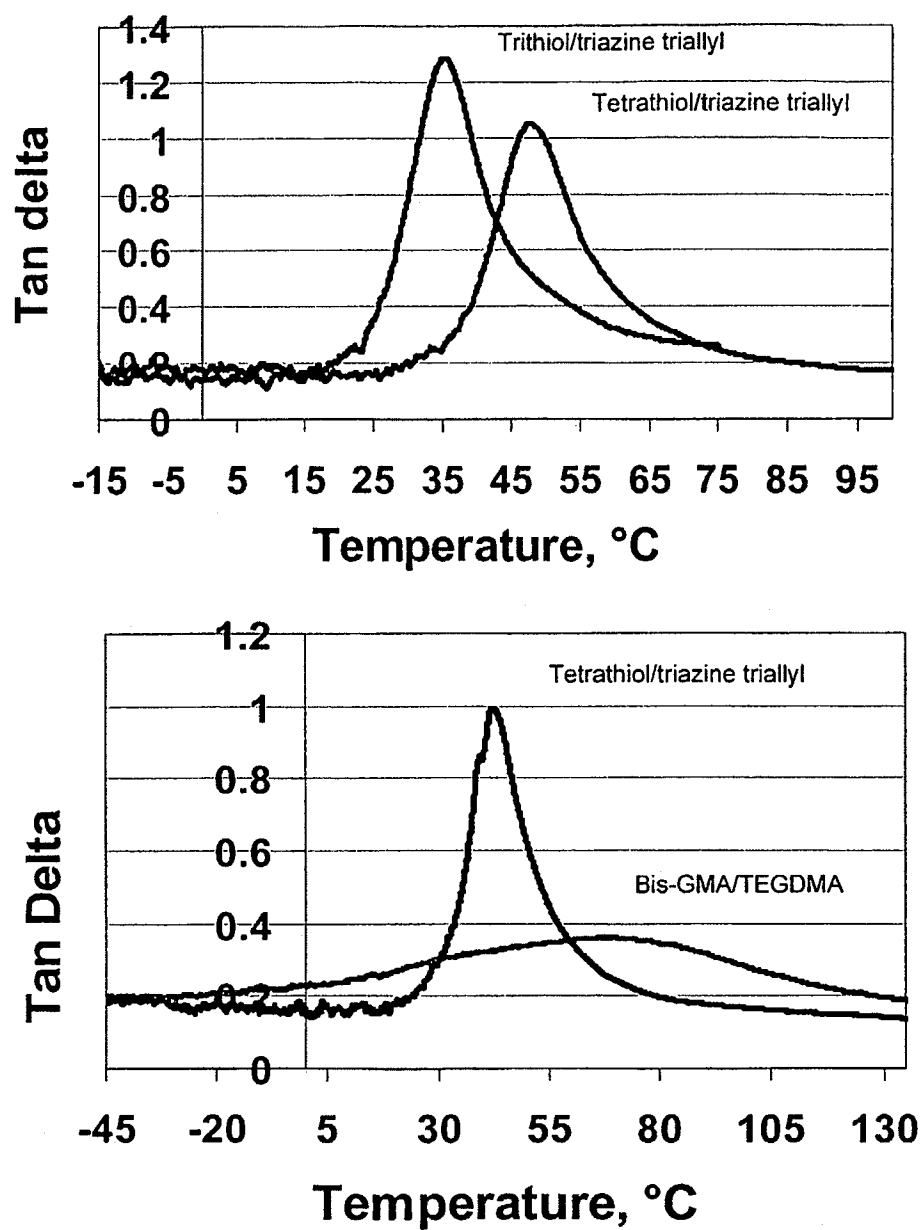


FIGURE 4

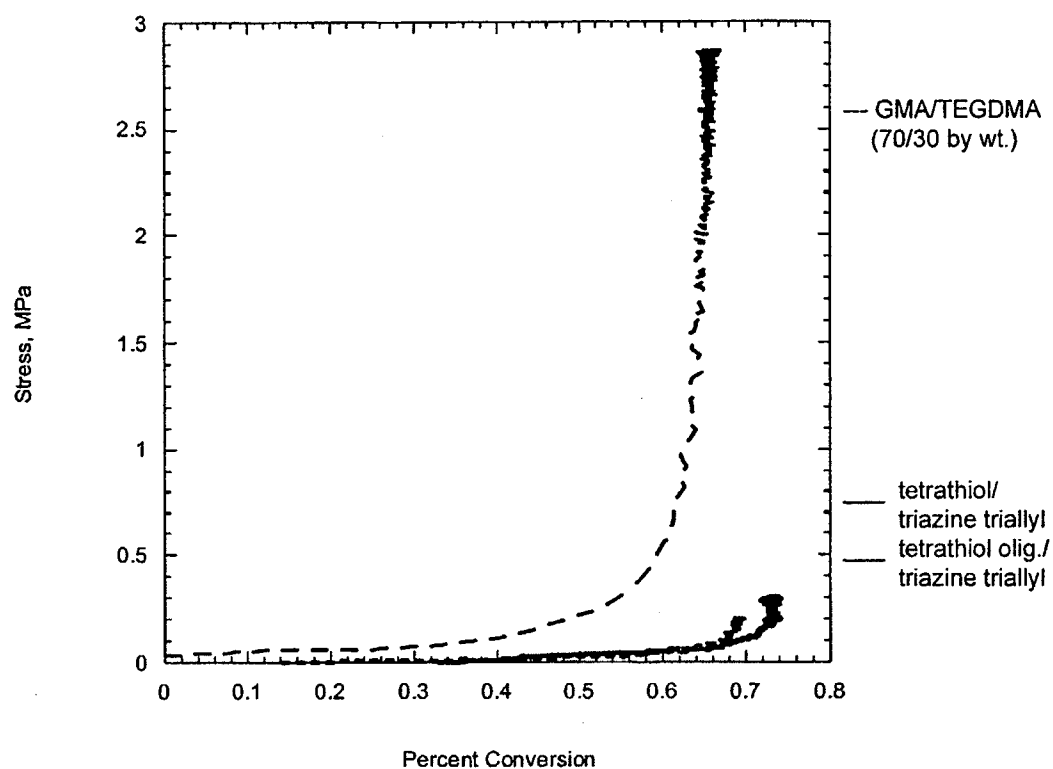


FIGURE 5

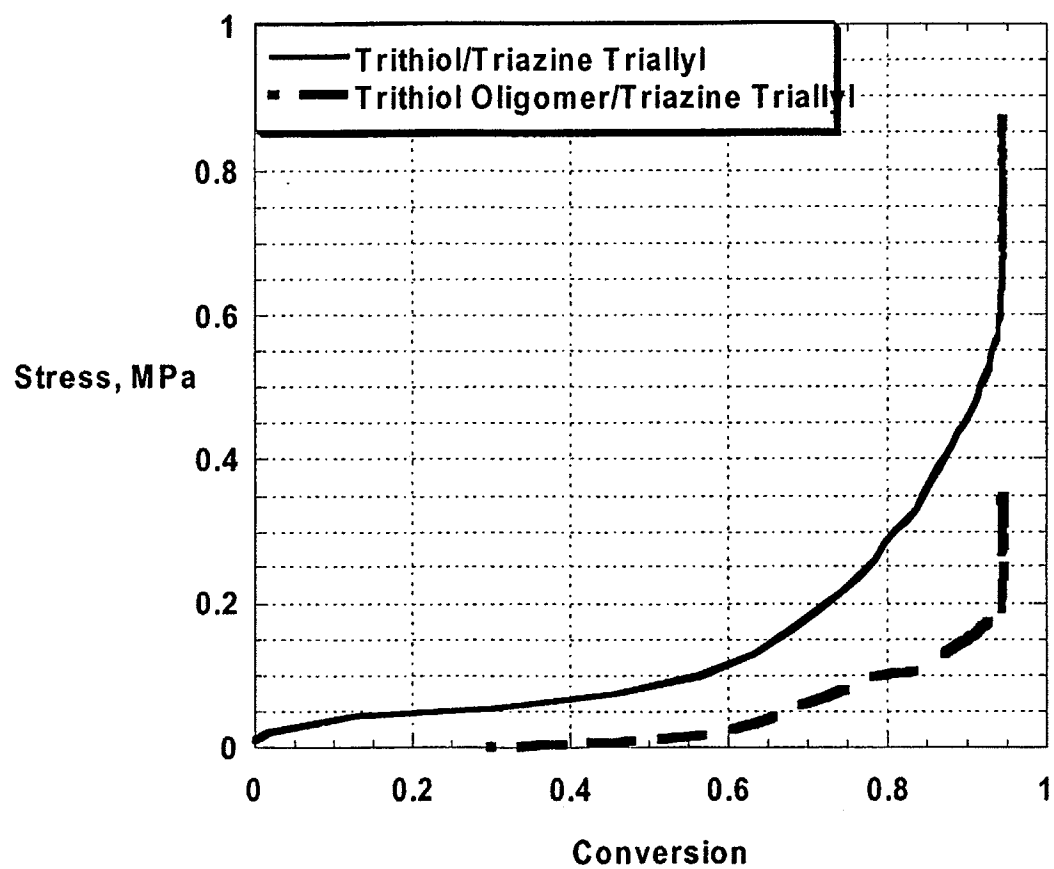


FIGURE 6

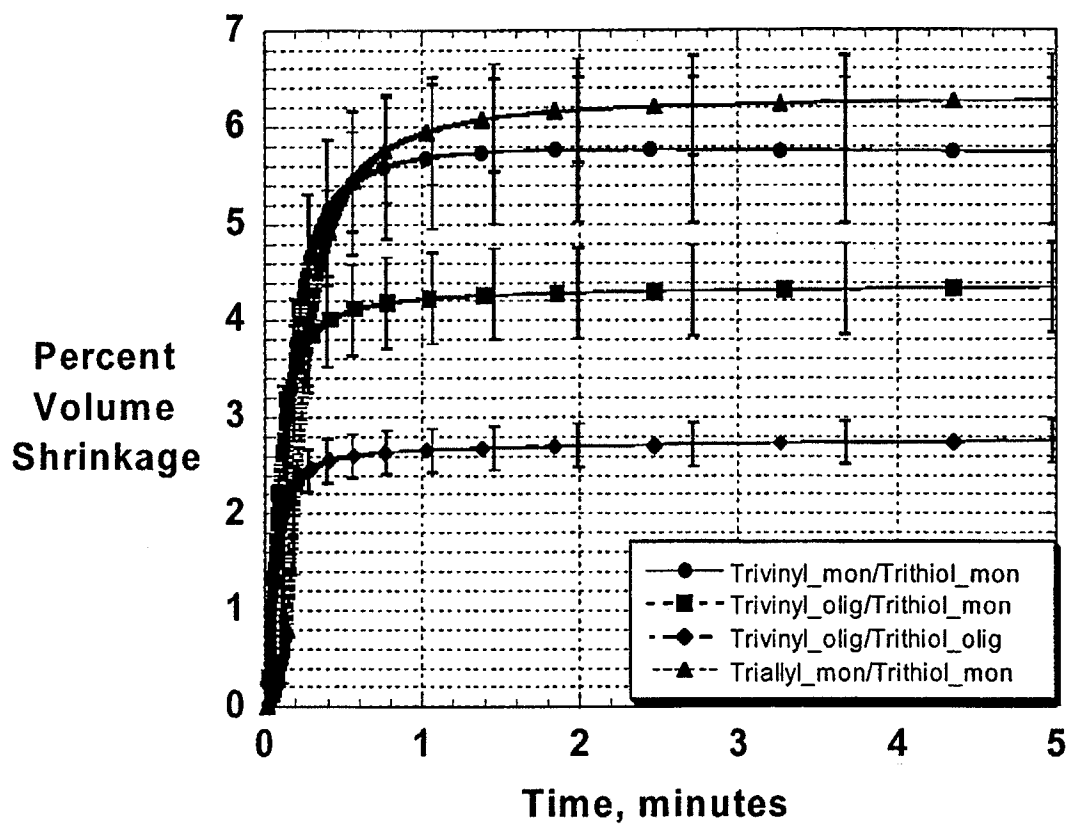


FIGURE 7

ene monomer	thiol monomer	thiol conversion	ene conversion
triallyl	trithiol	95.2 $\pm$ 2.7	97.6 $\pm$ 2.9
O-triallyl	trithiol	87.3 $\pm$ 2.7	94.5 $\pm$ 1.8
trivinyl	trithiol	96.6 $\pm$ 1.5	93.8 $\pm$ 0.8
O-trivinyl	trithiol	95.7 $\pm$ 5.8	95.1 $\pm$ 4.5
O-trivinyl	O-trithiol	81.3 $\pm$ 0.4	85.8 $\pm$ 5.6
triazine triallyl	trithiol	81.4 $\pm$ 1.6	95.5 $\pm$ 0.8
triazine triallyl	O-trithiol	86.1 $\pm$ 1.4	84.5 $\pm$ 2.20
triazine triallyl	tetrathiol	74.2 $\pm$ 1.1	88.9 $\pm$ 2.1
triazine triallyl	O-tetrathiol		

FIGURE 8A

ene monomer	thiol monomer	Percent Volume Shrinkage
triallyl	trithiol	6.53 $\pm$ 0.58
trivinyl	trithiol	5.71 $\pm$ 0.75
O-trivinyl	trithiol	4.02 $\pm$ 0.18
O-trivinyl	O-trithiol	2.53 $\pm$ 0.40
triazine triallyl	trithiol	7.2 $\pm$ 0.16
triazine triallyl	O-trithiol	3.33 $\pm$ 0.62
triazine triallyl	tetrathiol	6.07 $\pm$ 0.58
triazine triallyl	O-tetrathiol	2.76 $\pm$ 0.41

FIGURE 8B



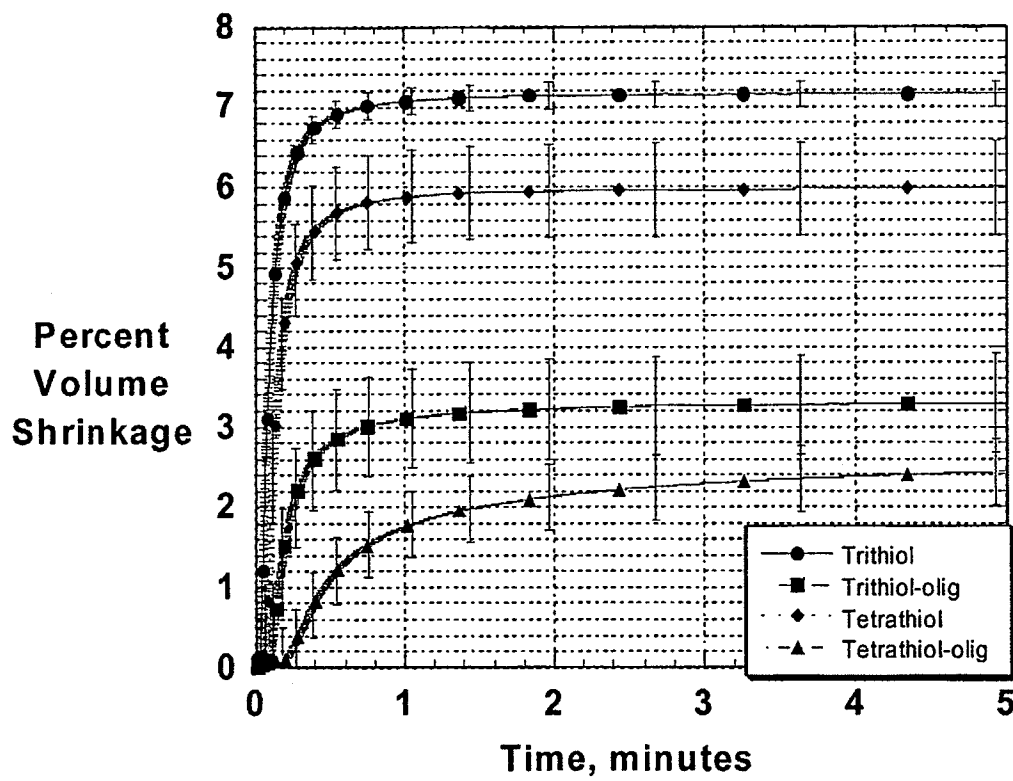


FIGURE 9